

A NEW SPECIES OF CHROMOLUCUMA FROM BRITISH GUIANA

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Chromolucuma Baehniana Monachino, sp. nov. Arbor ca. 30 m.; stipulae foliaceae; petioli ca. 3--4 cm. longi; folia apice ramulorum congesta, 25--30 cm. longa et 9--13 cm. lata, obovato-elliptica, supra glabra, infra adpresse ferrugineo-sericea, costa nervis venulisque prominulis, costulis secundariis utrinque ca. 21; flores ad axillam foliorum numerosis fasciculati, pedicelli ferrugineo-tomentosi filiformes 7--9 mm. longi; sepalala 5 extus ferrugineo-tomentosa 7--9 mm. longa; corolla cylindrica, lobi 5 extus puberulati; filamenta brevissima ca. medio tubi affixa, antherae ovatae, 1 mm. longae; staminodia parva, ovato-lineariformia; ovarium hirsutum, 5-loculare, stigmatibus vix distincte 5-tuberculato.

Tree with scanty latex, about 30 m. tall and 6 dm. in diameter, buttressed to 2.5 dm. from the base; branches robust; leaves tufted, terminal; stipules foliaceous, lanceolate, conduplicate, about 2--3 cm. long, 10--17 mm. broad (expanded), acute at apex, narrowed into a petiole at base, nervose, pubescent, deciduous, leaving a circular stipule-scar; leaf-petiole about 3--4 cm. long, pubescent; leaf-blade obovate-elliptic, about 25--30 cm. long, 9--13 cm. broad, rounded or obtuse at apex and base, glabrous above, rusty-sericeous beneath, the hairs medifixed, the lateral nerves about 21 pairs, arcuate near the margins and connected by a marginal nerve, the reticulation fine, raised, more prominent on the under side; inflorescences in dense axillary fascicles; pedicels (in Jenman 5027) 7--9 mm. long, pubescent; sepals quincuncial, ovate to ovate-oblong, about 3--4 mm. long and 2.5 mm. broad, subacute at the apex, rusty-sericeous with medifixed hairs outside, glabrous or nearly so inside; only immature corolla seen (type), creamy-white, obscurely pubescent on the lobes outside, the lobes 5, imbricate, ovate; stamens attached at about the middle of the corolla-tube, the filaments short, the anthers ovate, 1 mm. long, the staminodes minute, linear-ovate, about 0.5 mm. long, microscopically papillose near the apex; ovary densely hirsute, 5-locular, the style about 1.5 mm. long, the stigma faintly 5-tuberculate.

Type: For. Dept. Brit. Guiana 4249 (Field No. F.1513), British Guiana, 107 m. Bartica-Potaro Road, Kakaralli Clump Wallaba forest, Nov. 17, 1943; vernacular name "Bakupar;" deposited in the Britton Herbarium at the New York Botanical Garden.

Additional specimens examined: Jenman 5027, British Guiana, near Bartica, Nov. 1888; two sheets deposited in the Brit-

ton Herbarium at the New York Botanical Garden.

This species is named in honor of Dr. Charles Baehni whose work on the Sapotaceae has greatly facilitated the present study.

Dr. Baehni (Candollea 9: 291. 1942) reduces Chromolucuma Ducke to sectional rank under Pouteria. There is much to recommend this disposition, and C. Baehniana, with its 5-celled instead of 3-celled ovary, further nullifies the characters which have been advanced to delimit the two genera. Essentially the only feature which separates Chromolucuma from all American species of Pouteria (of which about 190 have been recognized) is the presence of stipules. These are foliaceous and conspicuous, and are here judged sufficiently characteristic to maintain the genus. Many generic differences in the Sapotaceae are tenuous, and those of Chromolucuma fall into this class.

Chromolucuma, both as a genus and as a section, has hitherto been represented by a single species, C. rubriflora Ducke, published in 1925. The present novelty is easily distinguished by several characters -- vegetatively, by the leaves which are sericeous beneath and have a less prominent reticulation particularly on their upper surface.

The vernacular name given for C. Baehniana is also reported for Pouteria grandis Eyma.

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NOTES ON NEW AND NOTEWORTHY PLANTS. VII

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BOUCHEA CHASCANOIDES Moldenke, sp. nov.

Frutex; ramis brevibus irregularibus valde sarmentosis obscure breviterque pubescentibus glabrescentibus; sarmentis erectis densissime breviterque pubescentibus paullo glandulosis; internodiis valde abbreviatis; foliis oppositis confertis carniusculis dense breviterque pubescentibus; laminis flabelliformibus regulariter crenato-serratis ad basin longe acuminatis; inflorescentiis terminalibus axillaribusque paucifloris.

Shrub; branches short, irregular, very twiggy, obscurely short-pubescent, becoming glabrescent; twigs erect, very densely short-pubescent, slightly glandular; nodes obscurely annulate; principal internodes much abbreviated, mostly 2-5 mm. long (rarely to 2 cm. long); leaves decussate-opposite, crowded on the twigs only, rather fleshy, brunnescent or nigrescent in drying; petioles slender, 2-5 mm. long, densely short-pubescent with antrorse slightly glandular hairs; blades flabelliform, 4-7 mm. long and wide, regularly crenate-serrate